



PRODUCT DESCRIPTION

The BMS-S6-PIR-DC1-BLE-SR-PPM uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage in high bay applications.

ORDERING INFORMATION

Description

Passive Infrared (PIR) Occupancy Sensor with Bluetooth® Mesh Feature

Part Number

BMS-S6-PIR-DC1-BLE-SR-PPM

TECHNICAL DATA

Sensor Type	Passive infrared sensor
Input Voltage	12–24VDC, >50mA
Control Output	0–10V, max 25mA sinking current
Mounting Height	40ft (12m) max
Detection Angle	360°
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Max Bluetooth Range	200ft(60m)
Wireless Protocol	Bluetooth® SIG mesh
Reset Method	Magnetic reset (5 seconds touch)
IP Rating	65
Connector Type	Low-voltage connector
Converter	Bluetooth to 0-10V signal
Antenna	Onboard

FEATURES

- PIR motion sensor with 360° coverage.
- Daylight Harvesting.
- Supports high-end trim, zoning, continuous bi-level dimming.
- LED motion indicator and magnetic reset available.
- Onboard antenna.

Smart Control

Bluetooth® SIG mesh enables wireless 0–10V dimming, zoning, and broadcast group control via mobile app. The Bluetooth mesh network extends range to 200ft(60m) by relaying signals between devices, ensuring reliable coverage in large spaces.

Energy Efficiency

Supports daylight harvesting, bi-level dimming, and high-end trim to reduce energy consumption in commercial settings.

Wide-Area Detection

360° PIR coverage with mounting height up to 40ft ensures accurate occupancy sensing in high-bay environments.

Easy Installation

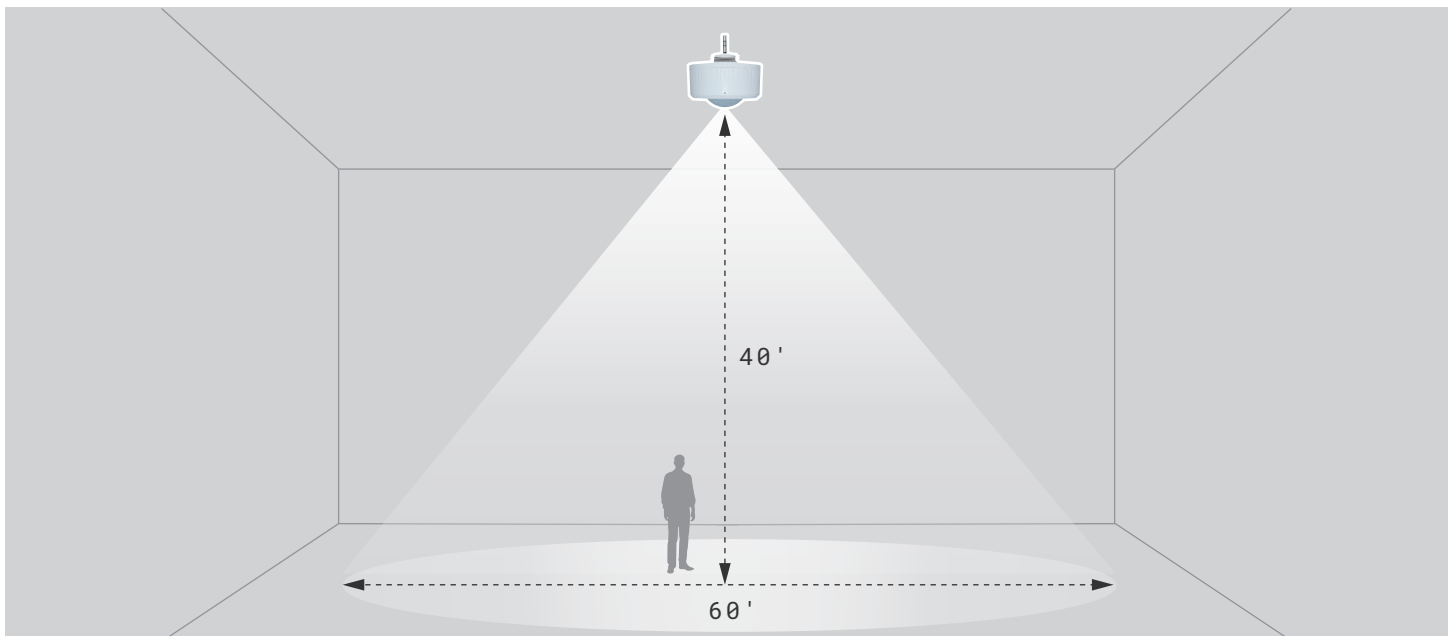
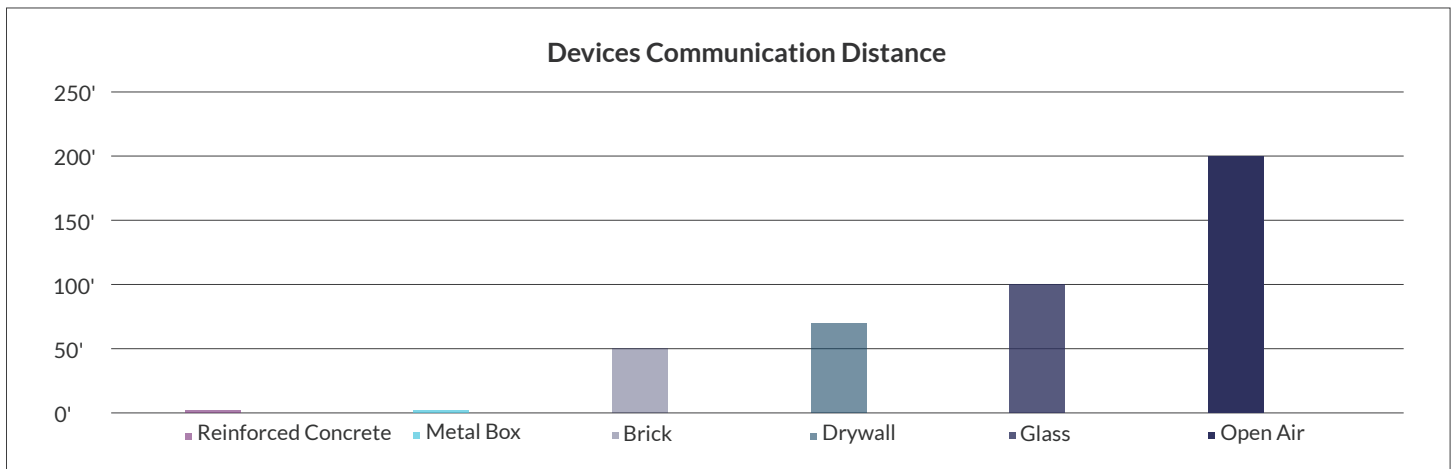
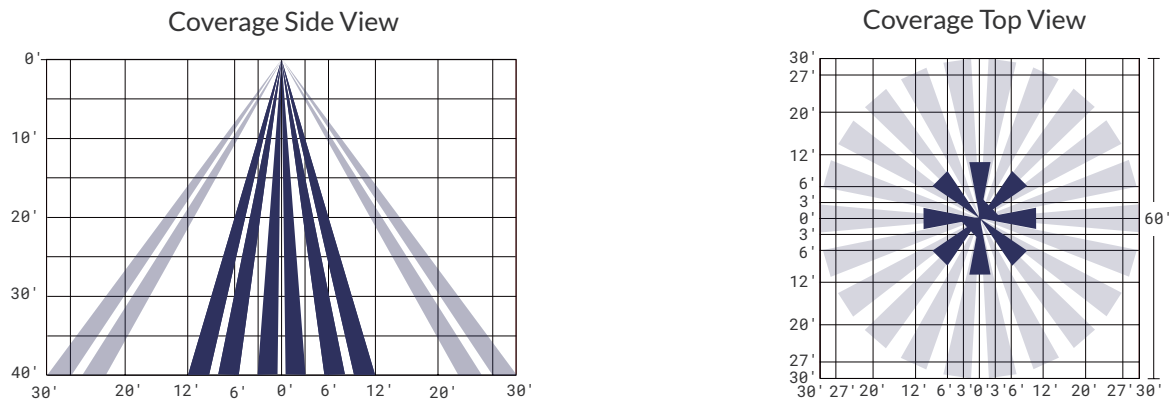
Compact low-voltage sensor with onboard antenna and magnetic reset simplifies wiring and setup.

Reset: Hold a magnet to the top of the sensor for 5 seconds.

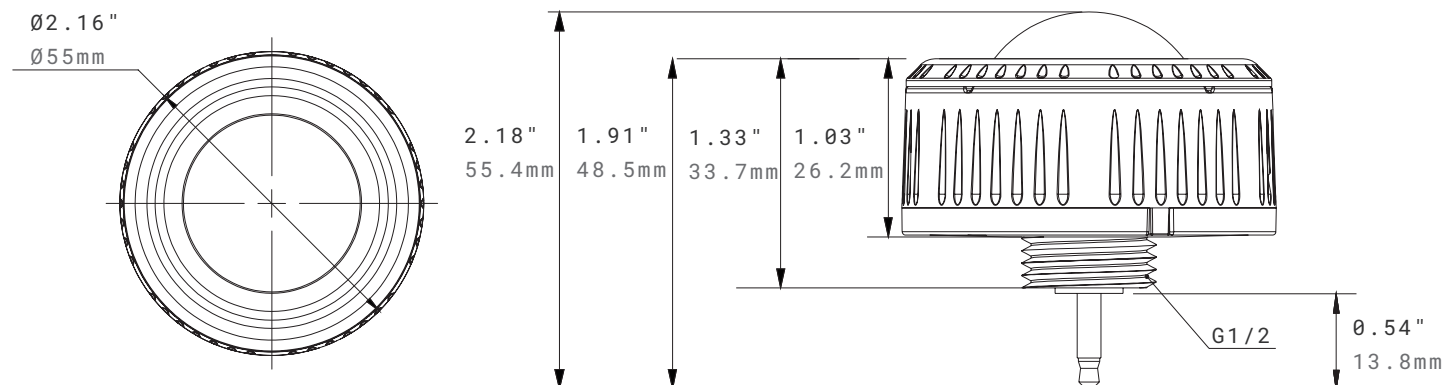
Rugged & Reliable

IP65-rated design provides durable performance for industrial and outdoor use, backed by a 5-year warranty.

DETECTION PATTERN



DIMENSIONS



Ref#: 20250730

WARRANTY

5 years limited warranty.